**Fig. 1**

2/24

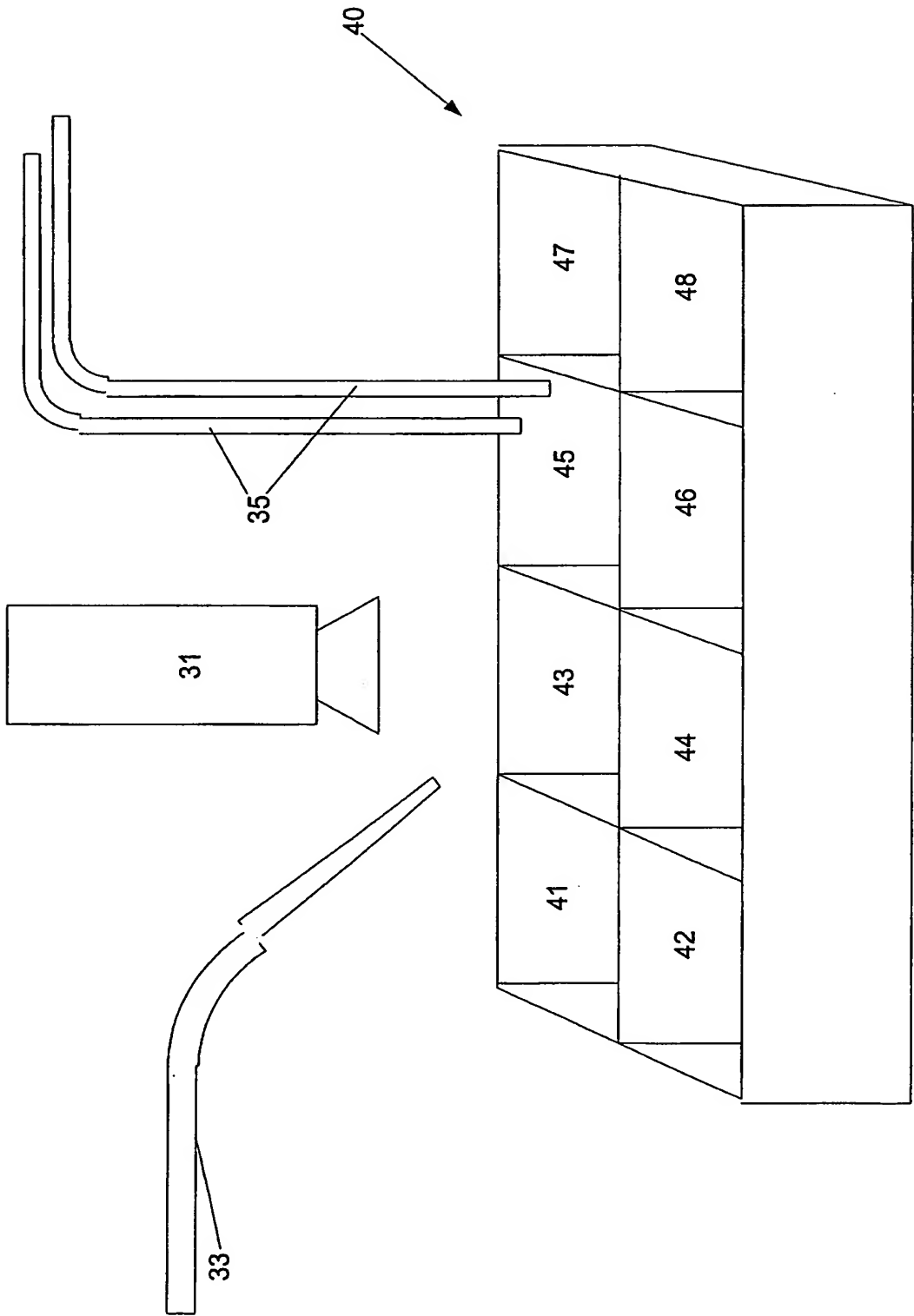
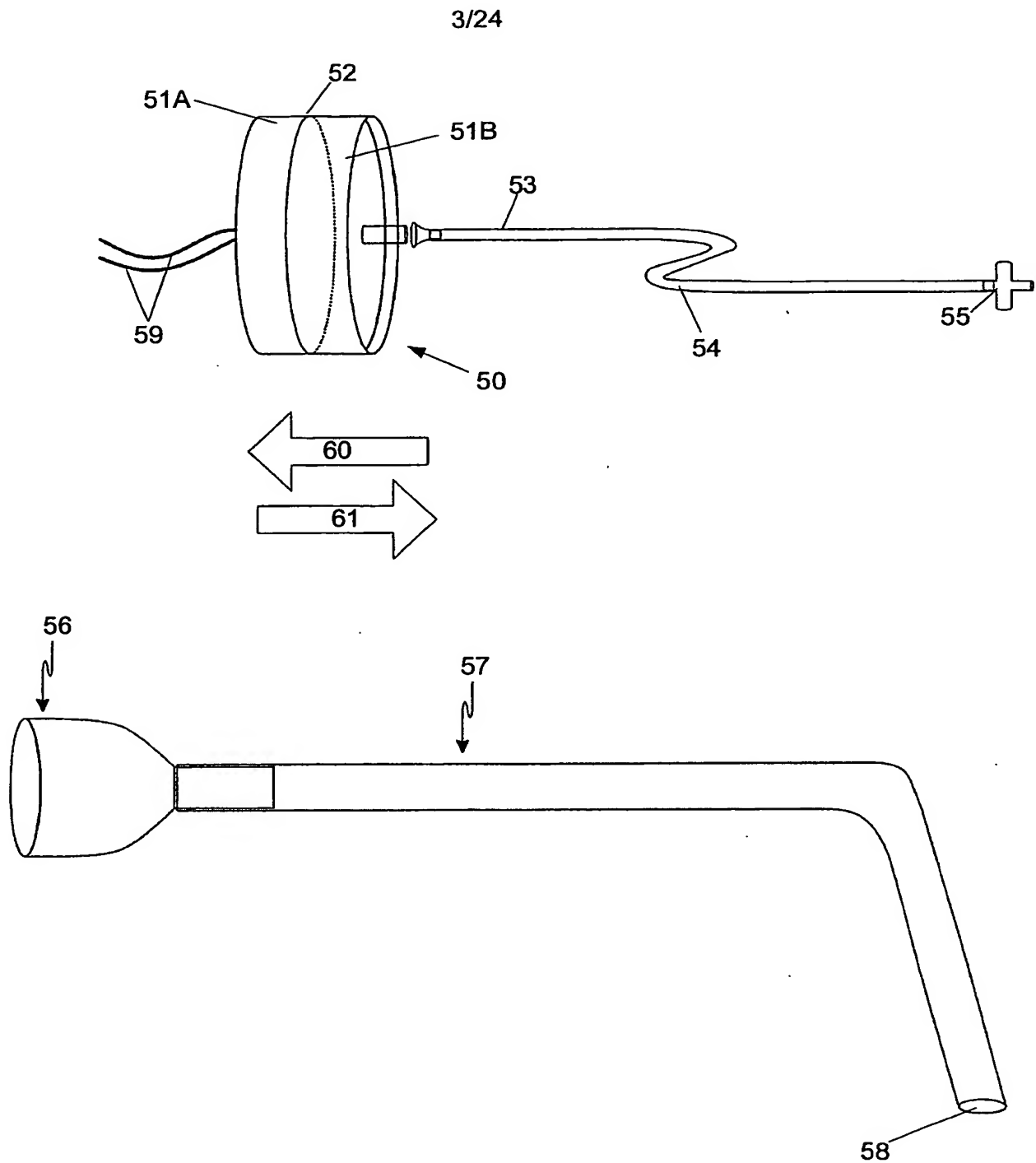
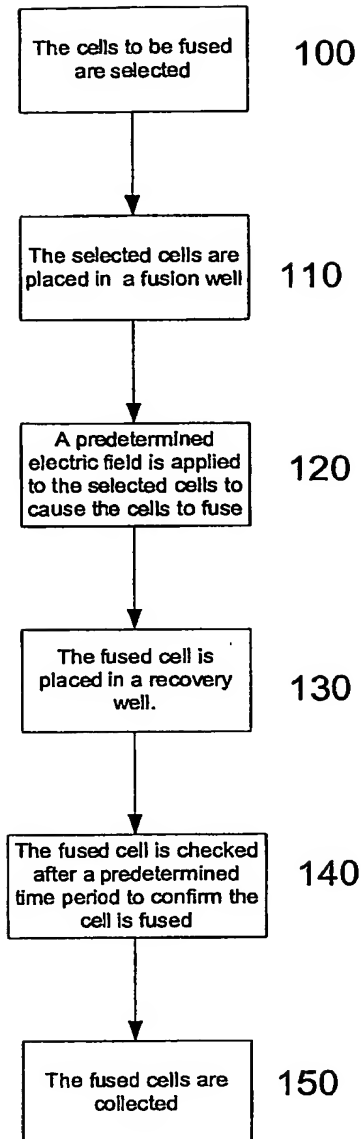


Fig. 2

**Fig. 3**

4/24

**Fig. 4**

5/24

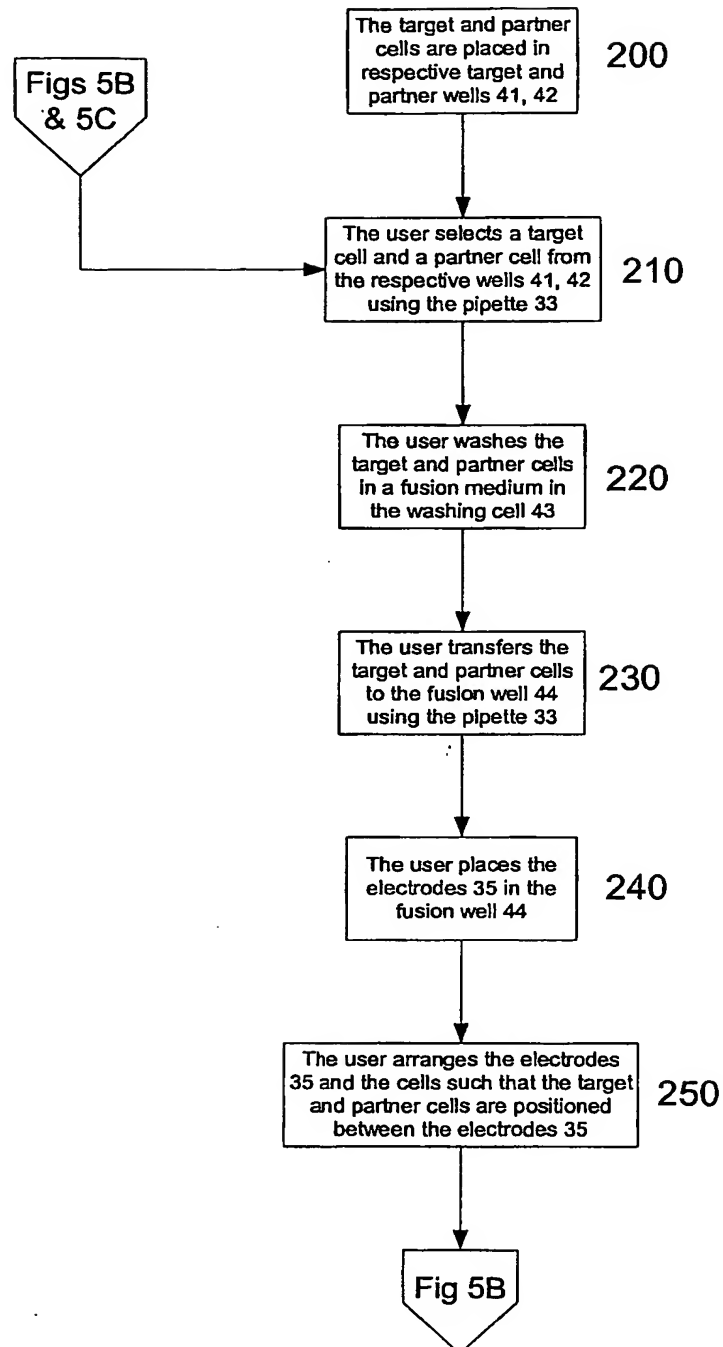


Fig. 5A

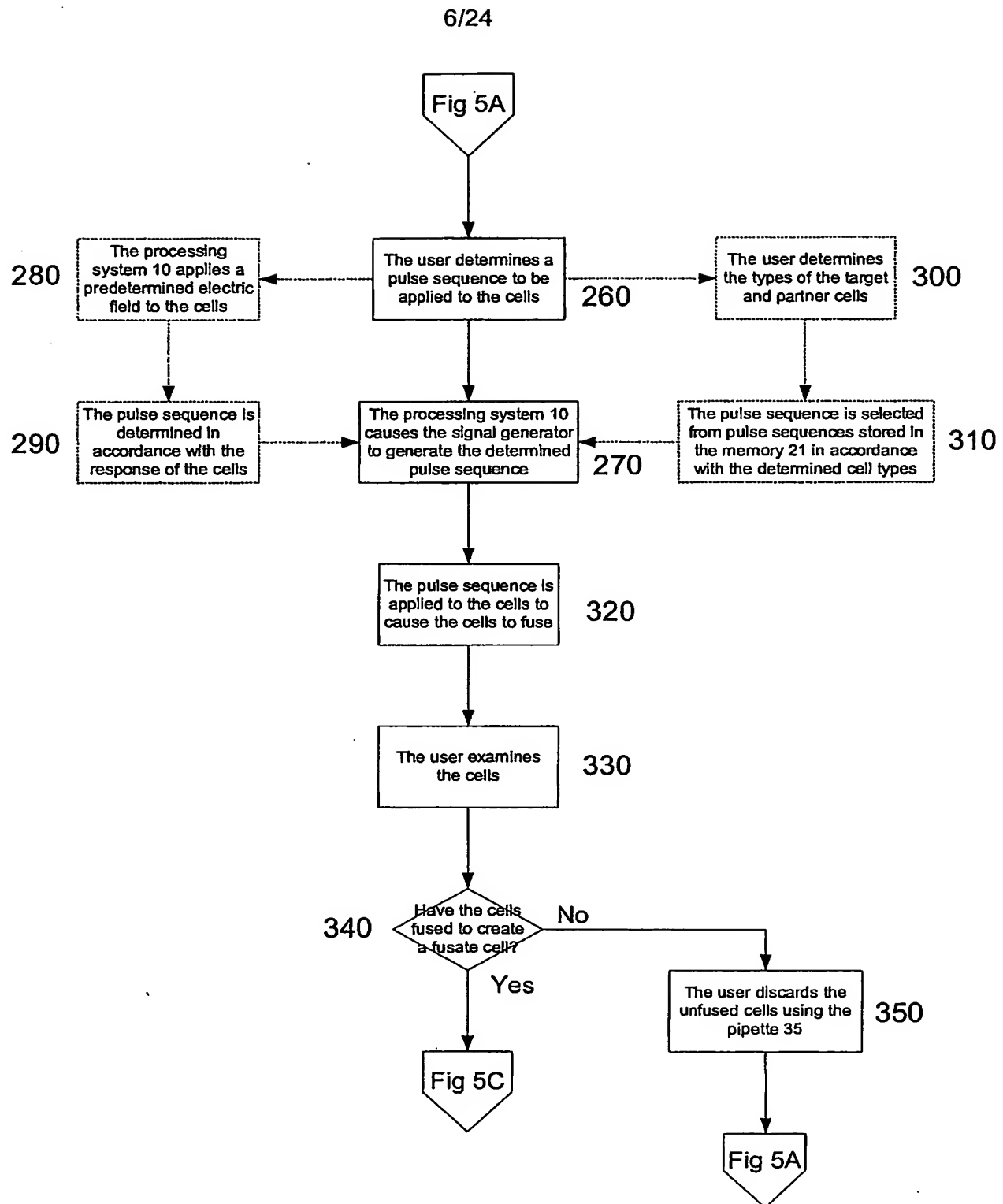


Fig. 5B

7/24

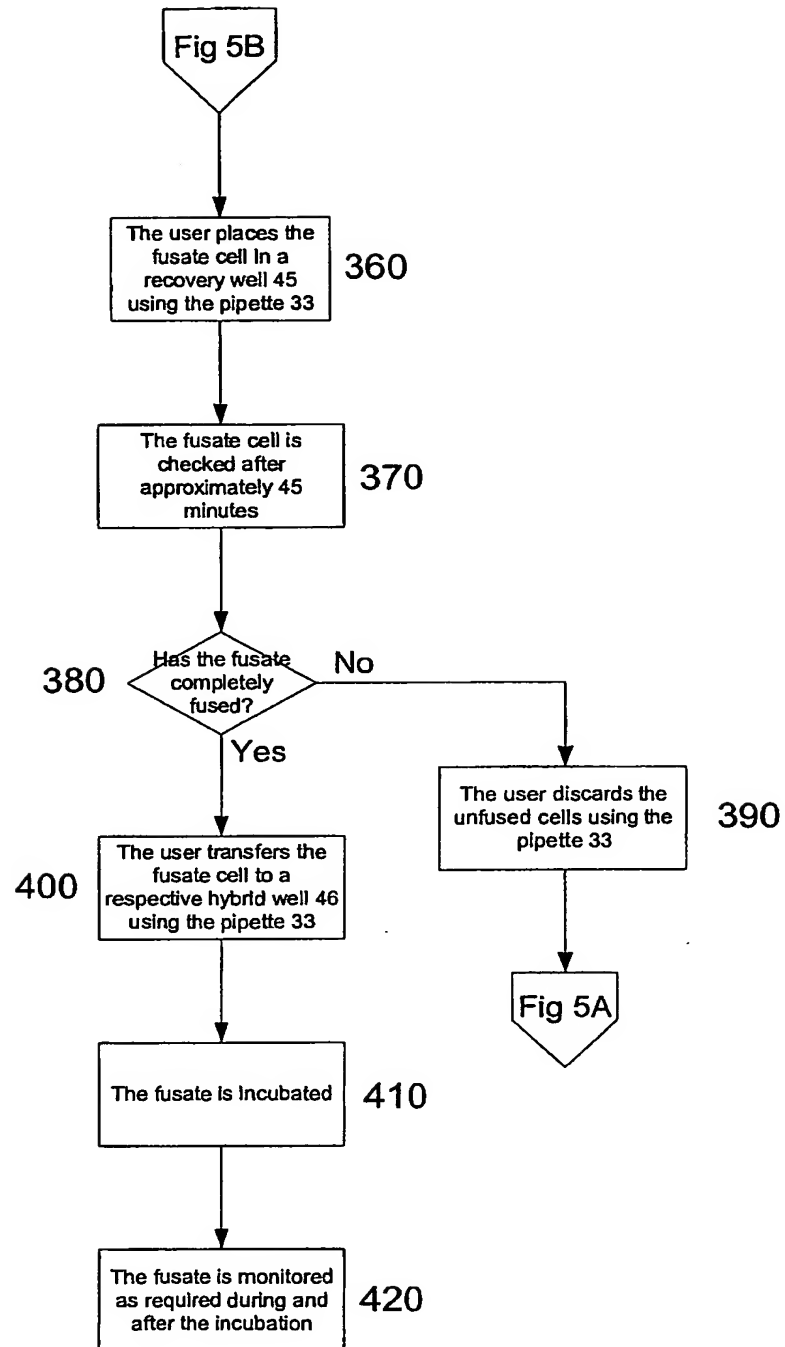


Fig. 5C

8/24

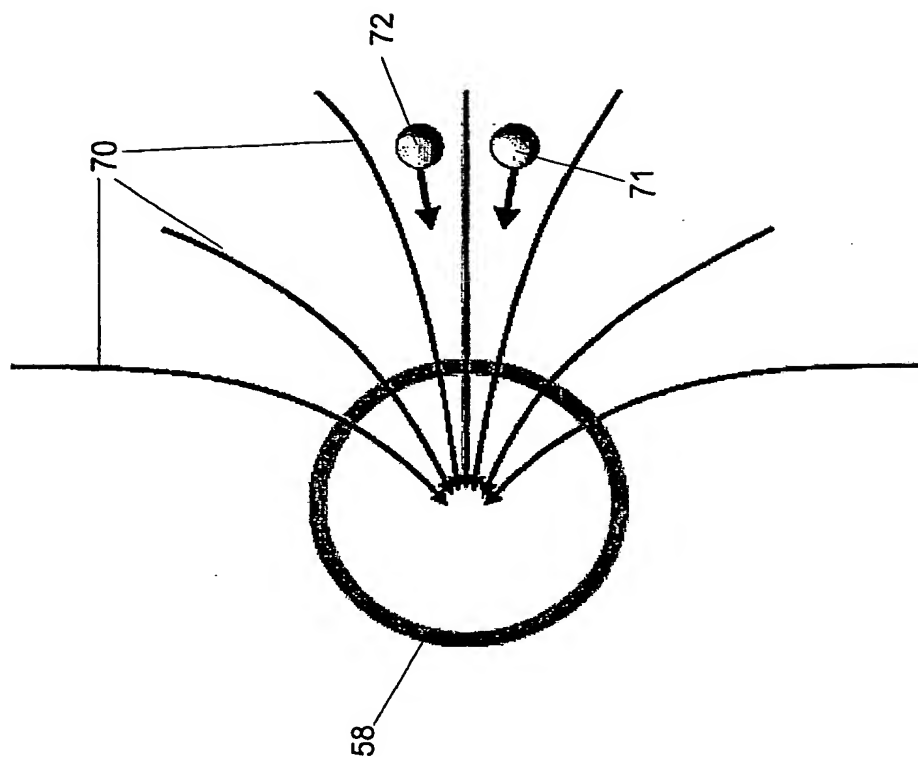


Fig. 6B

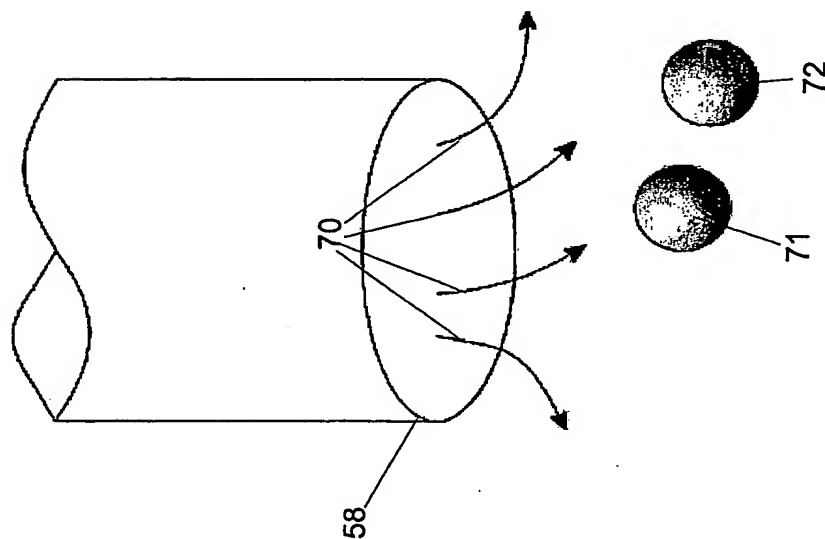


Fig. 6A



9/24

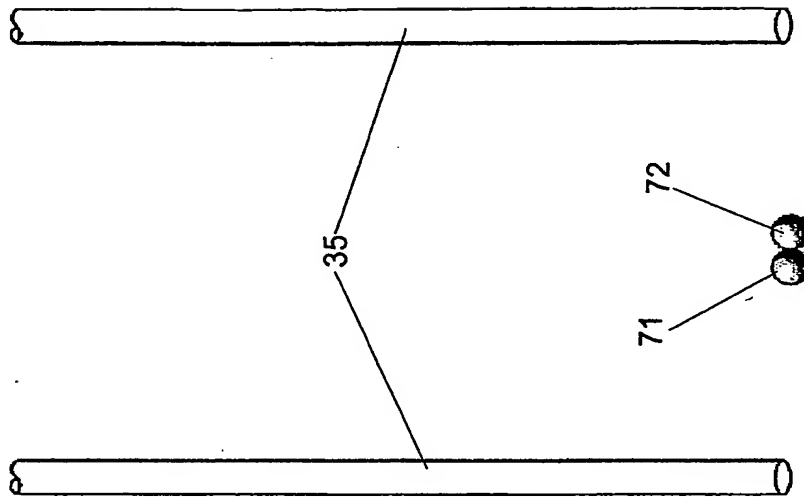


Fig. 6D

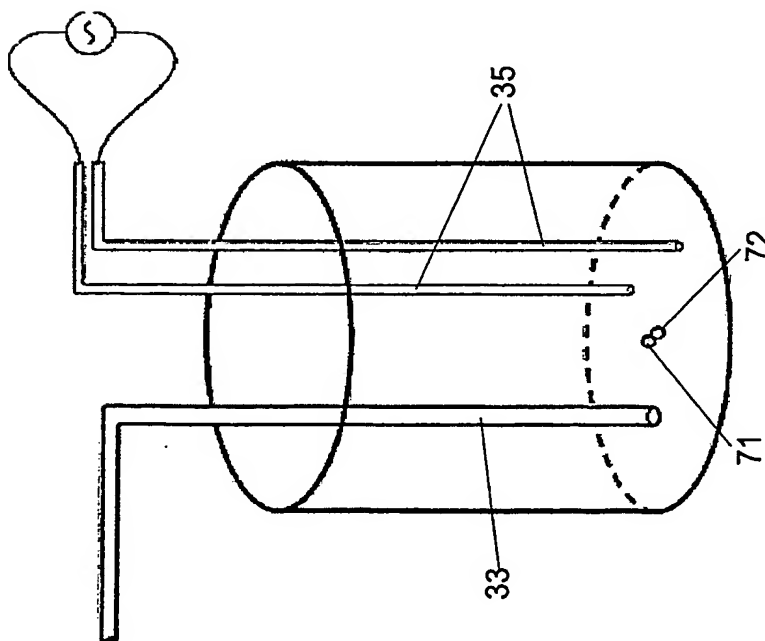
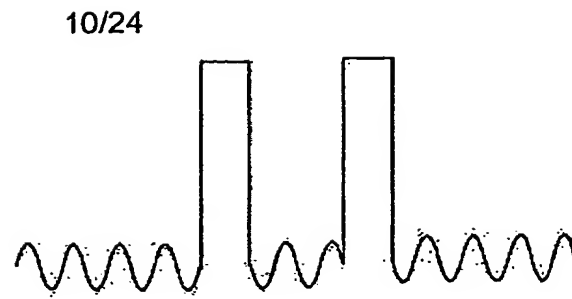
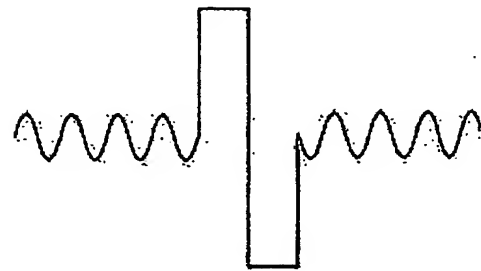
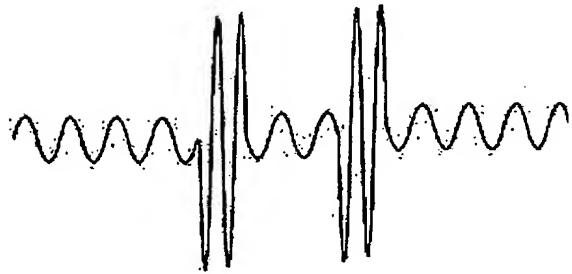
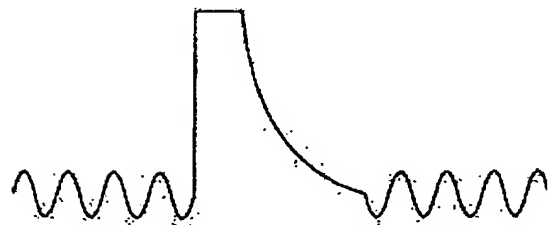
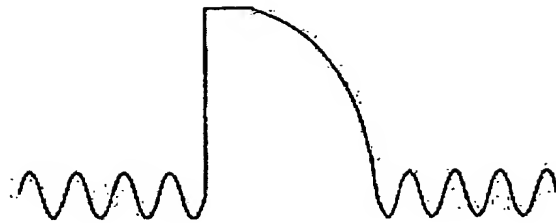
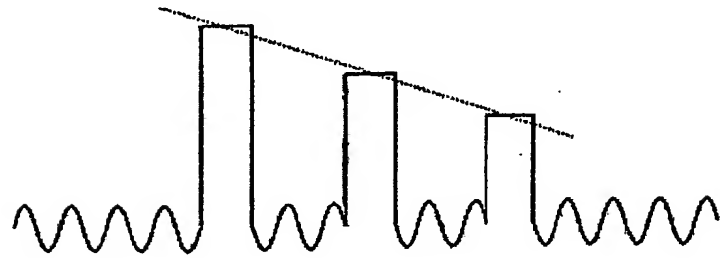
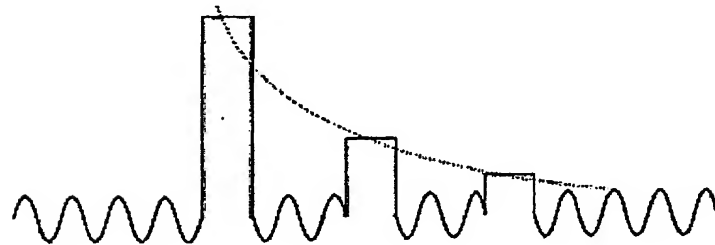


Fig. 6C

**Fig. 7A****Fig. 7B****Fig. 7C****Fig. 7D**

11/24

**Fig. 7E****Fig. 7F****Fig. 7G**

12/24

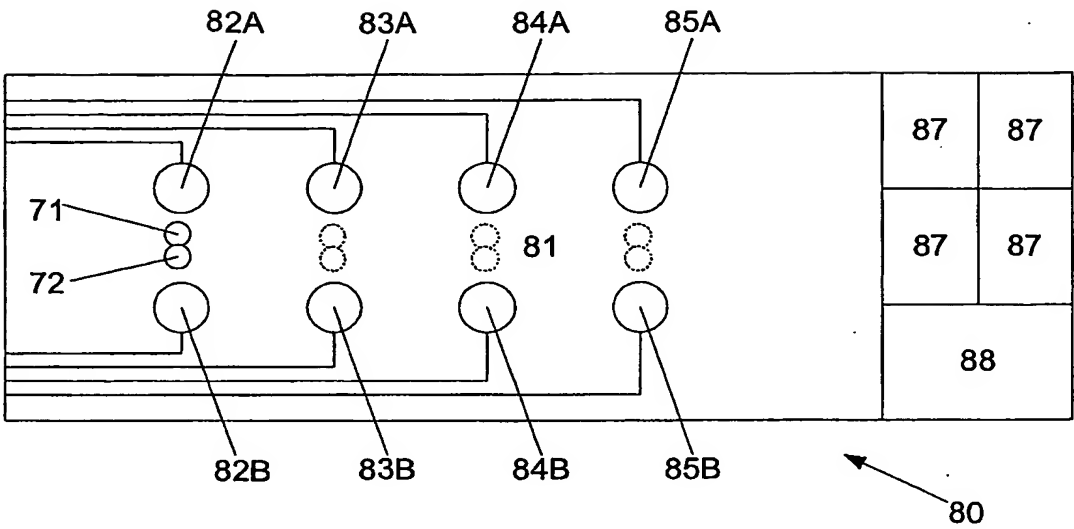


Fig. 8A

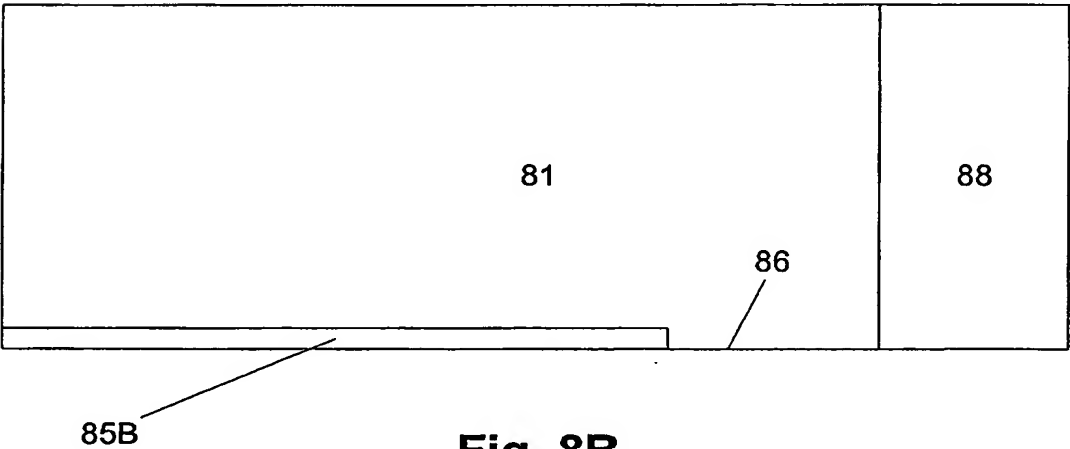


Fig. 8B

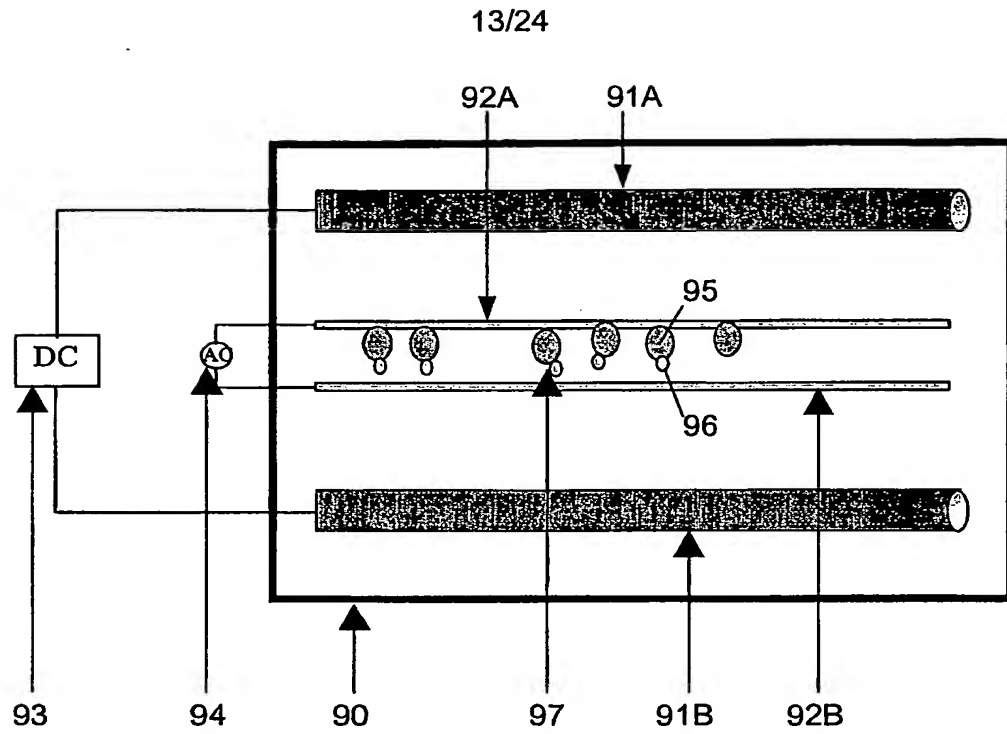


Fig. 9A

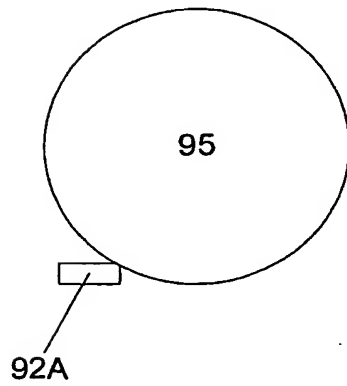


Fig. 9B

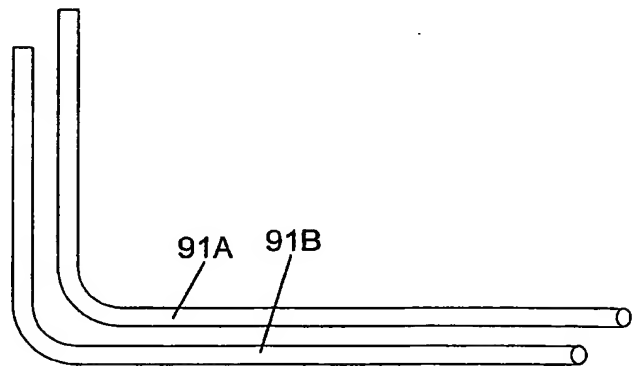


Fig. 9C

14/24

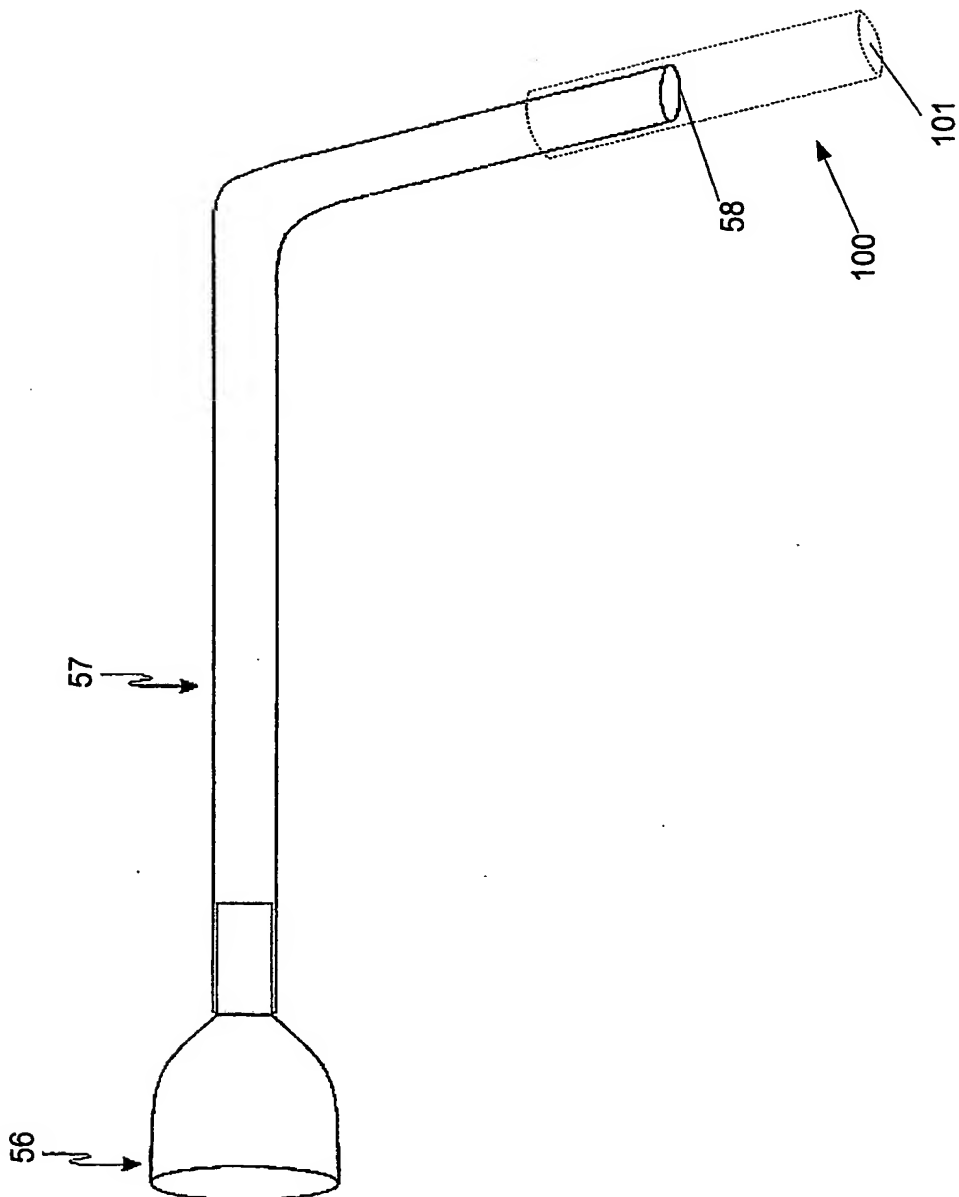


Fig. 10

15/24

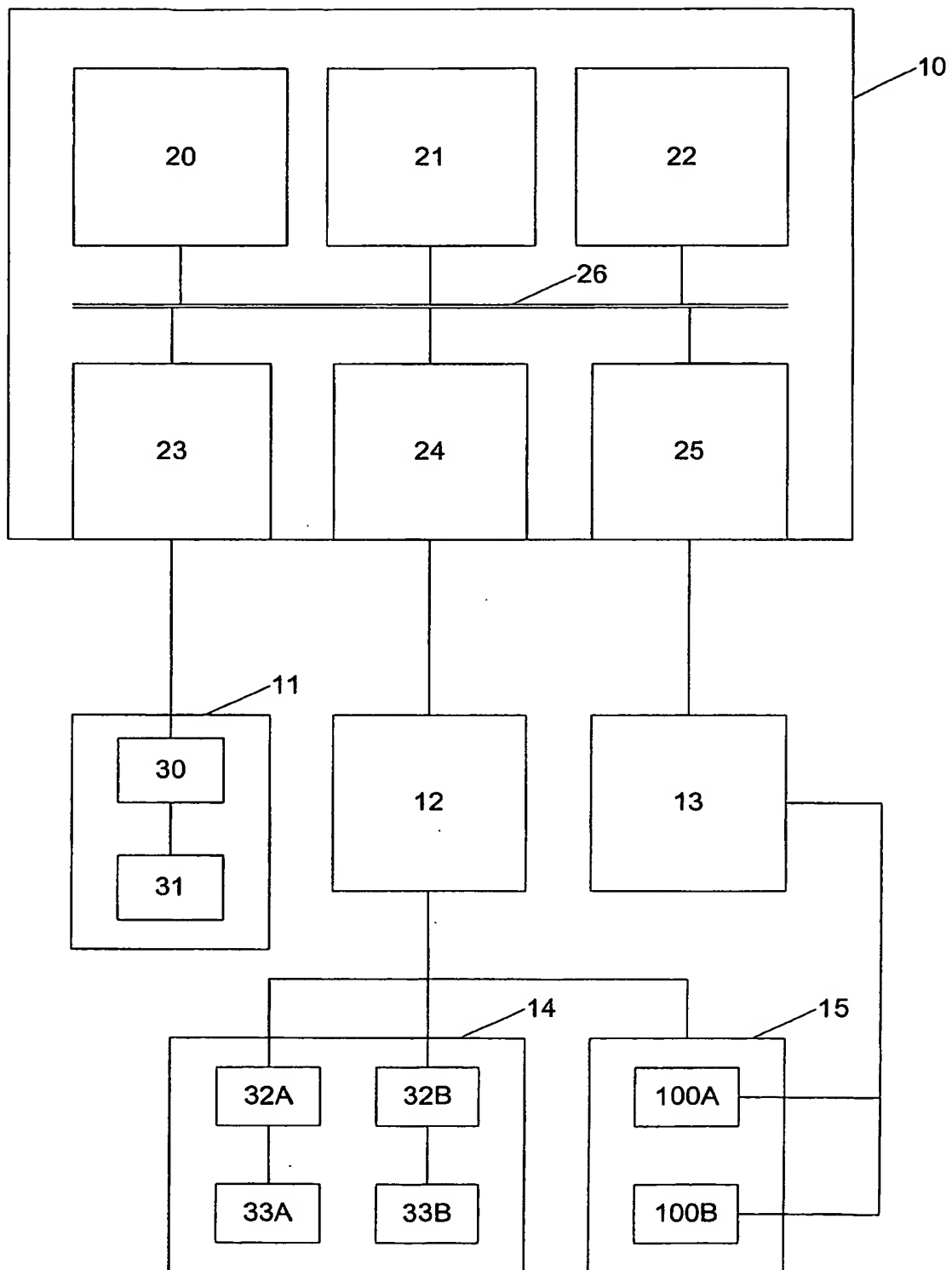


Fig. 11

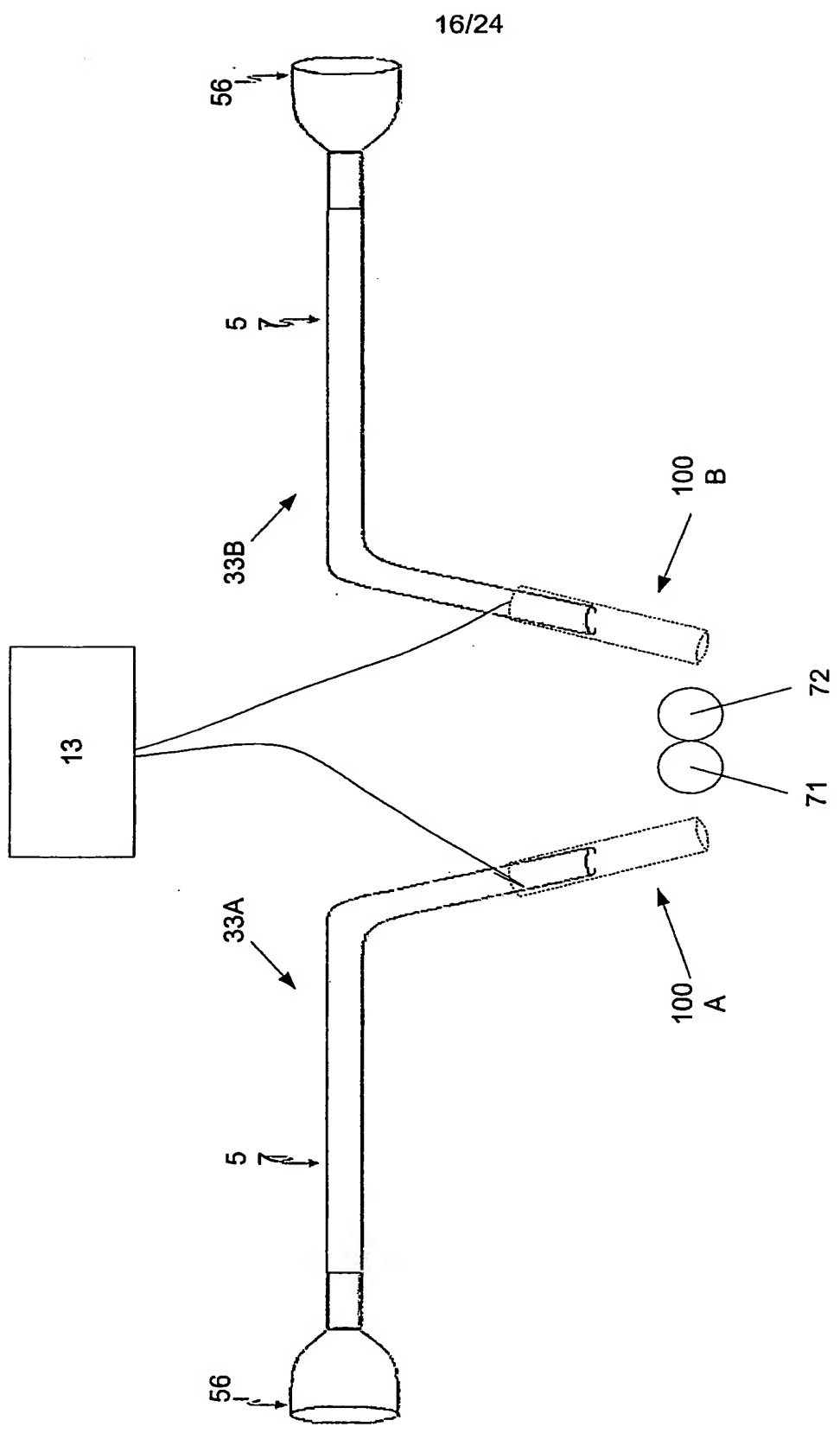
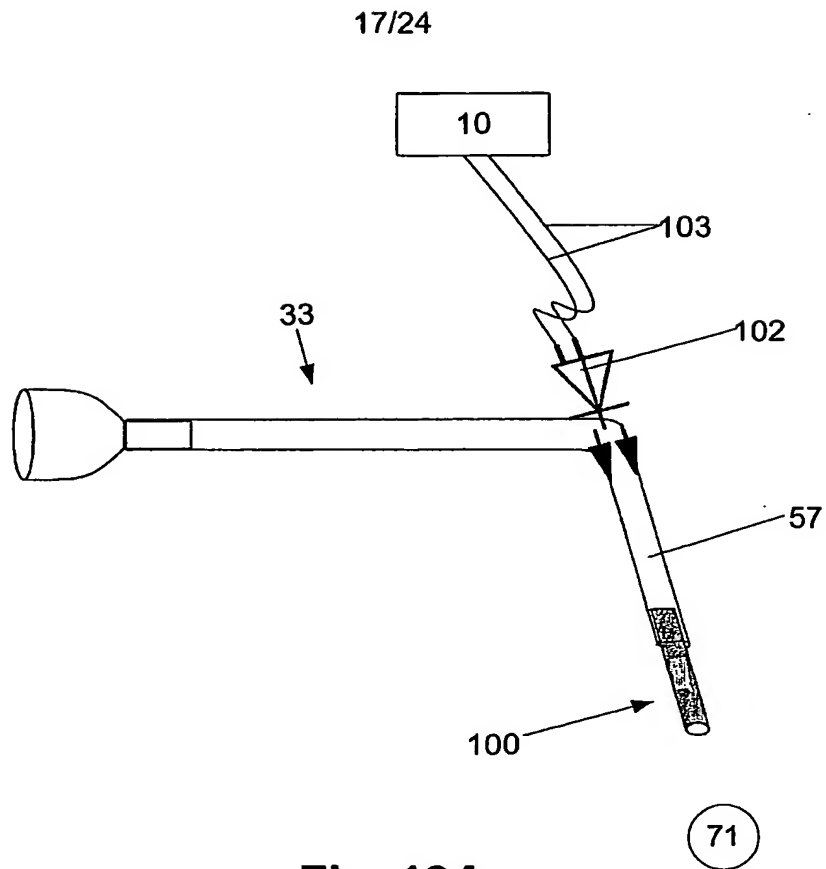
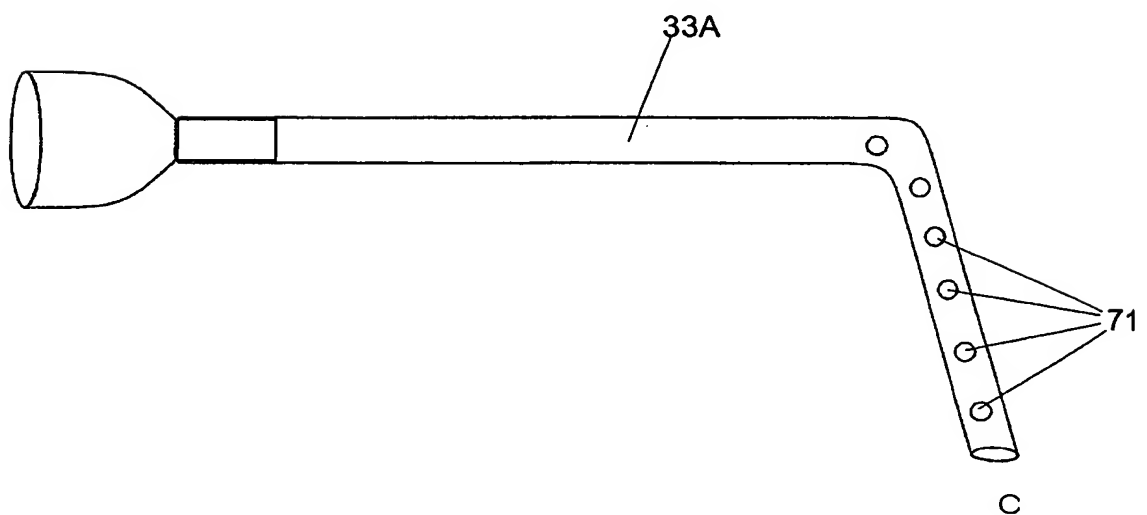


Fig. 12





**Fig. 13A**



**Fig. 14**

18/24

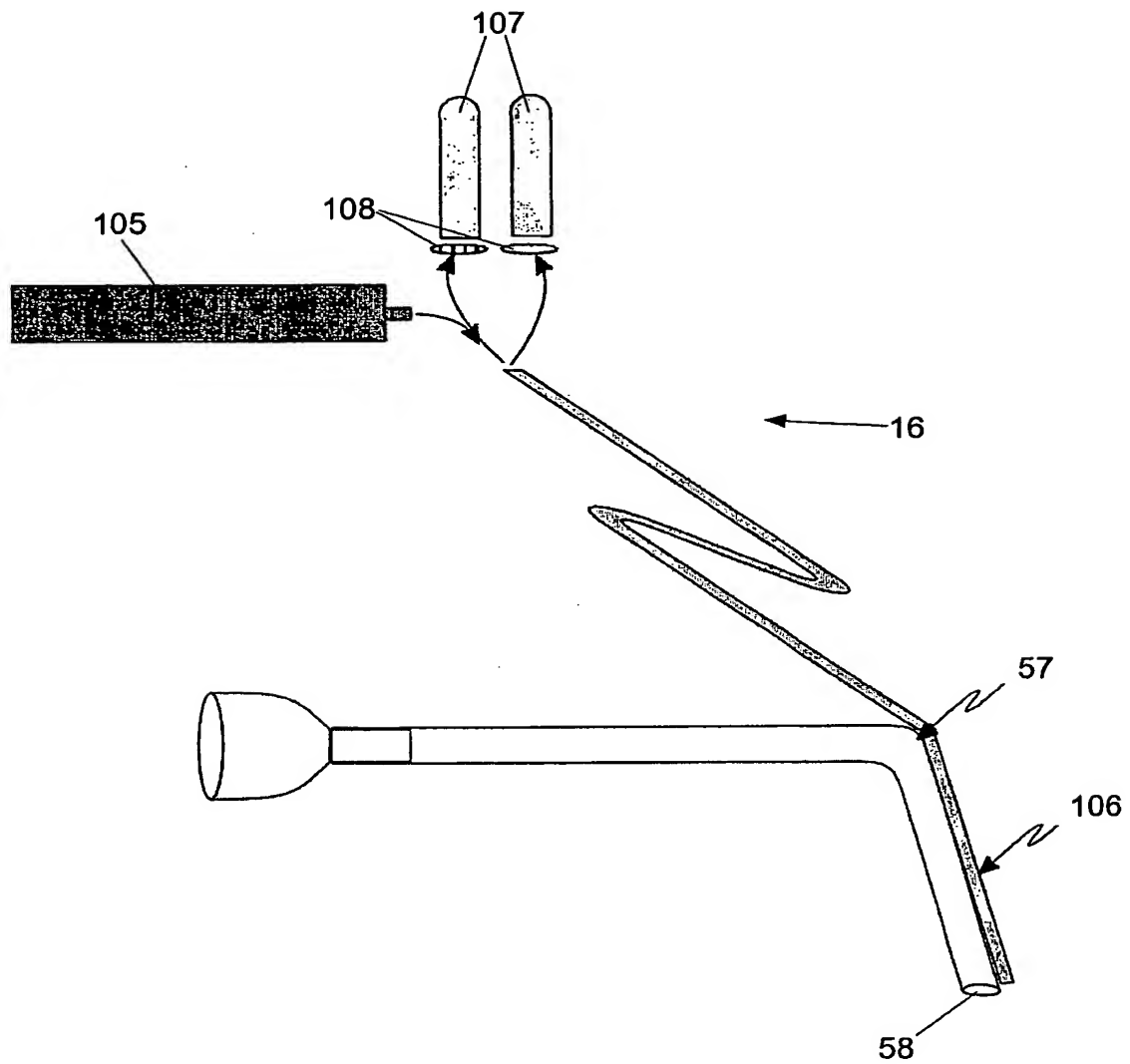
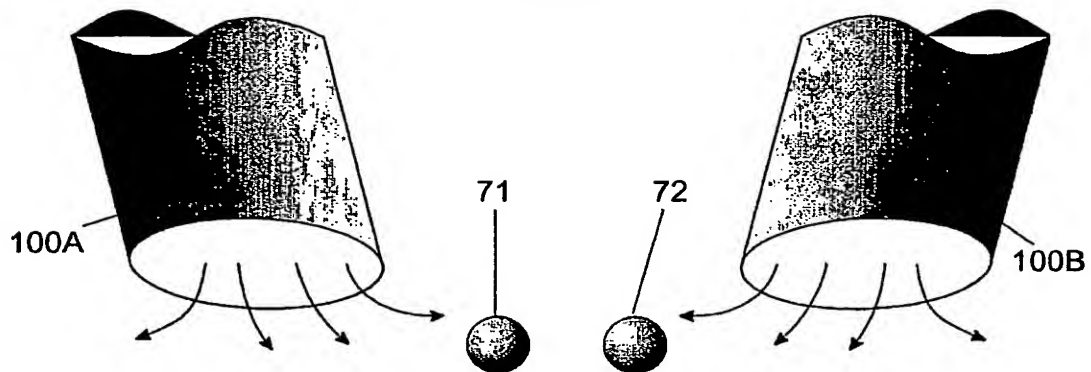
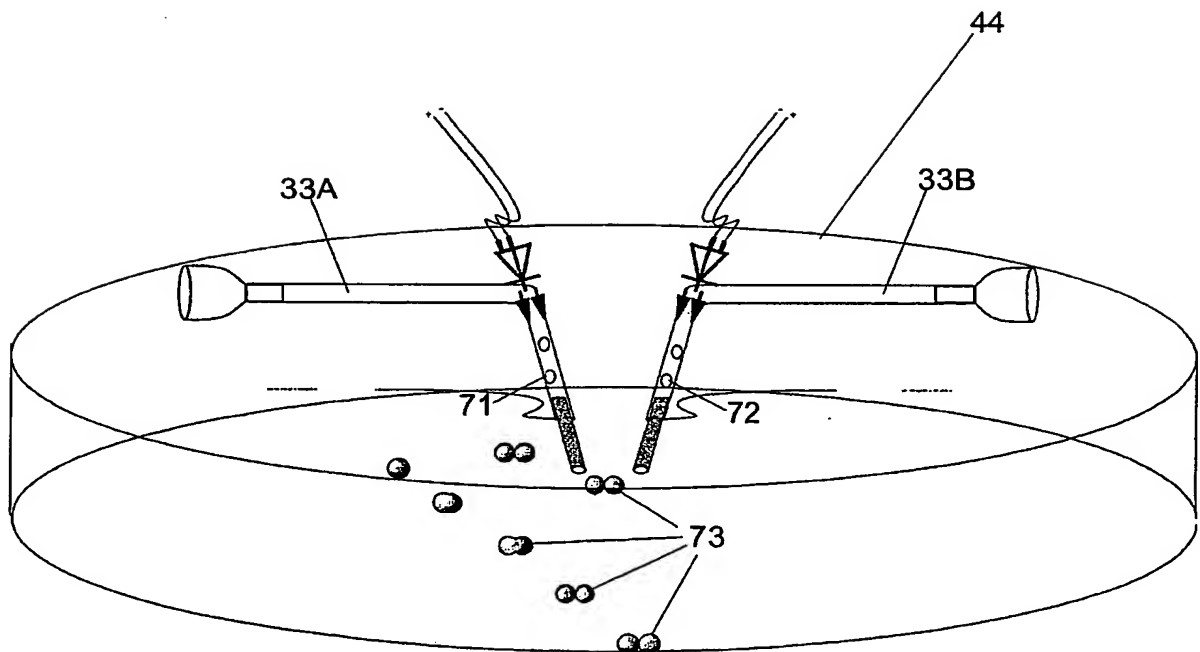
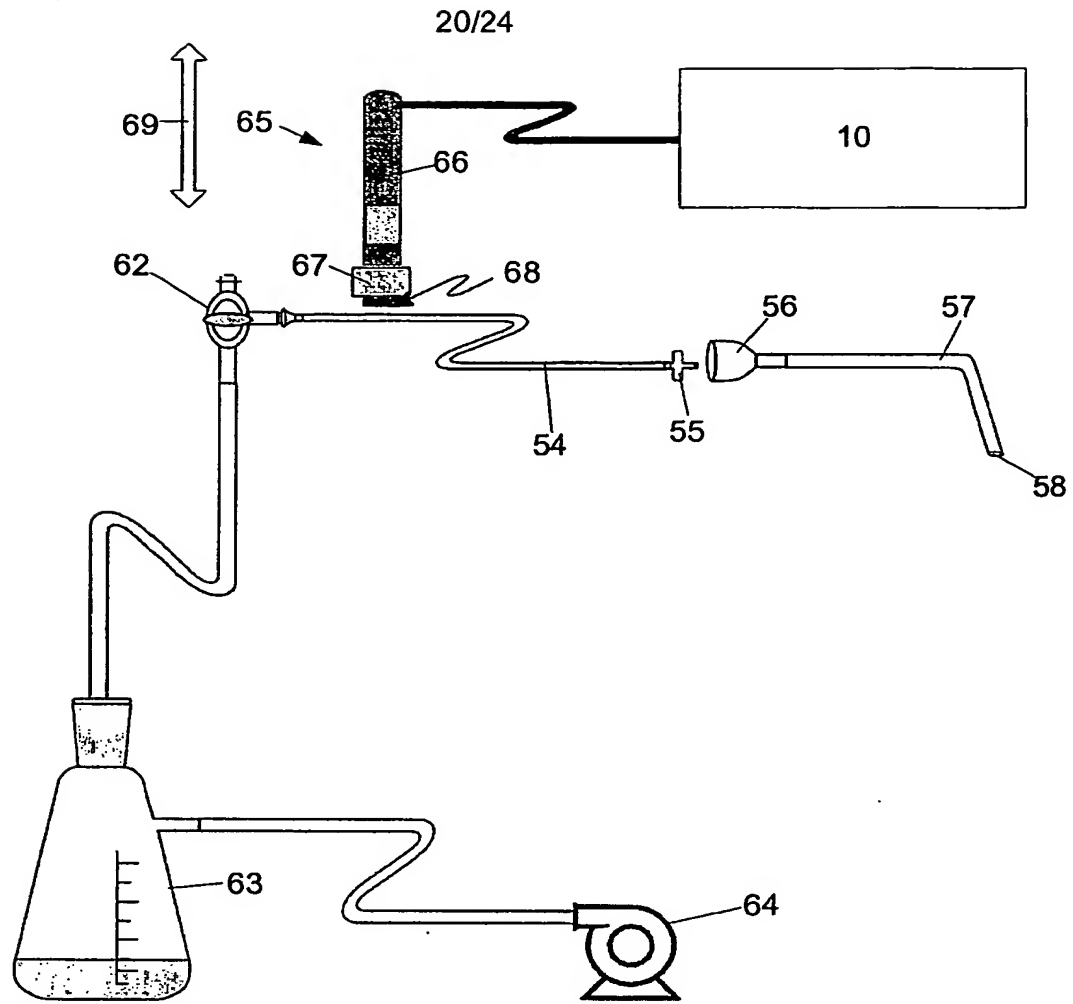
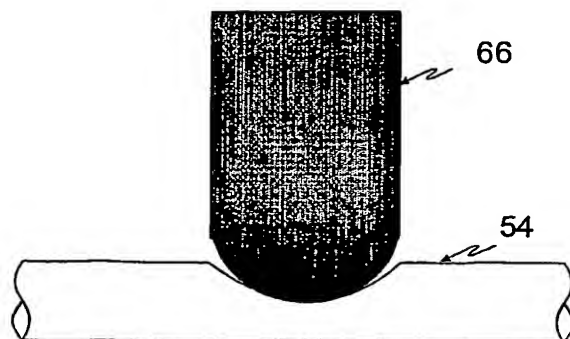


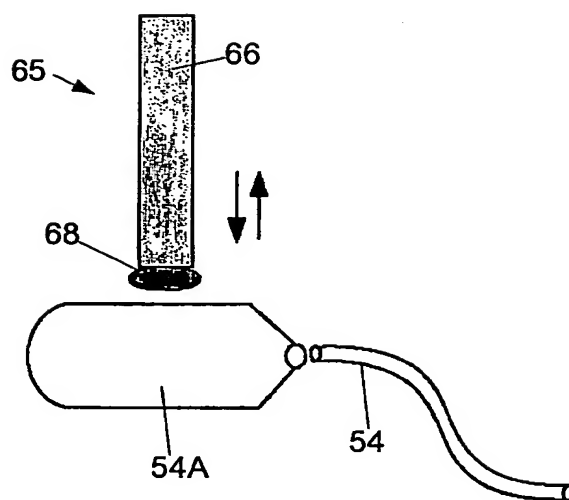
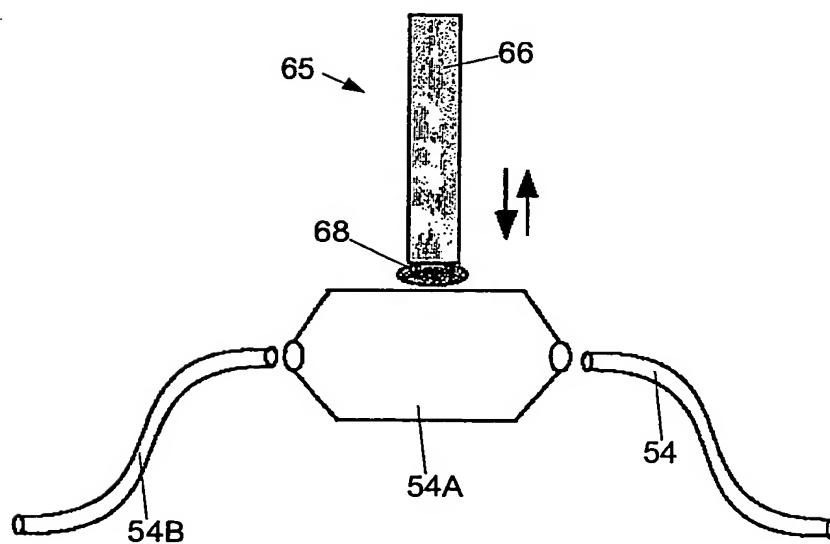
Fig. 13B

19/24

**Fig. 15****Fig. 16**

**Fig. 18A****Fig. 18B**

21/24

**Fig. 18C****Fig. 18D**

22/24

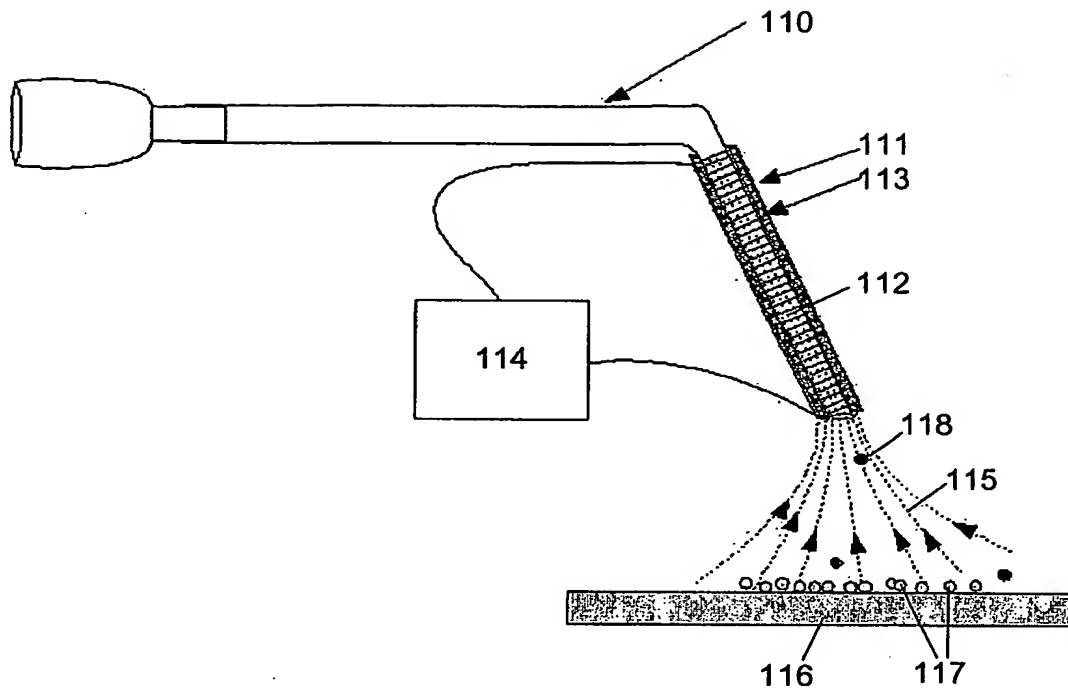


Fig. 17

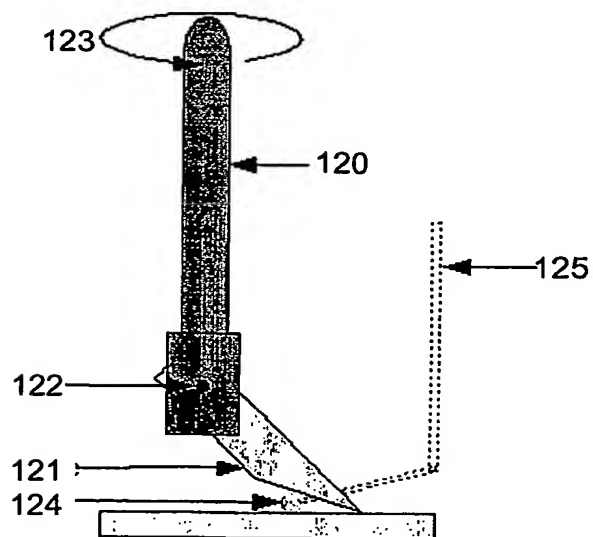
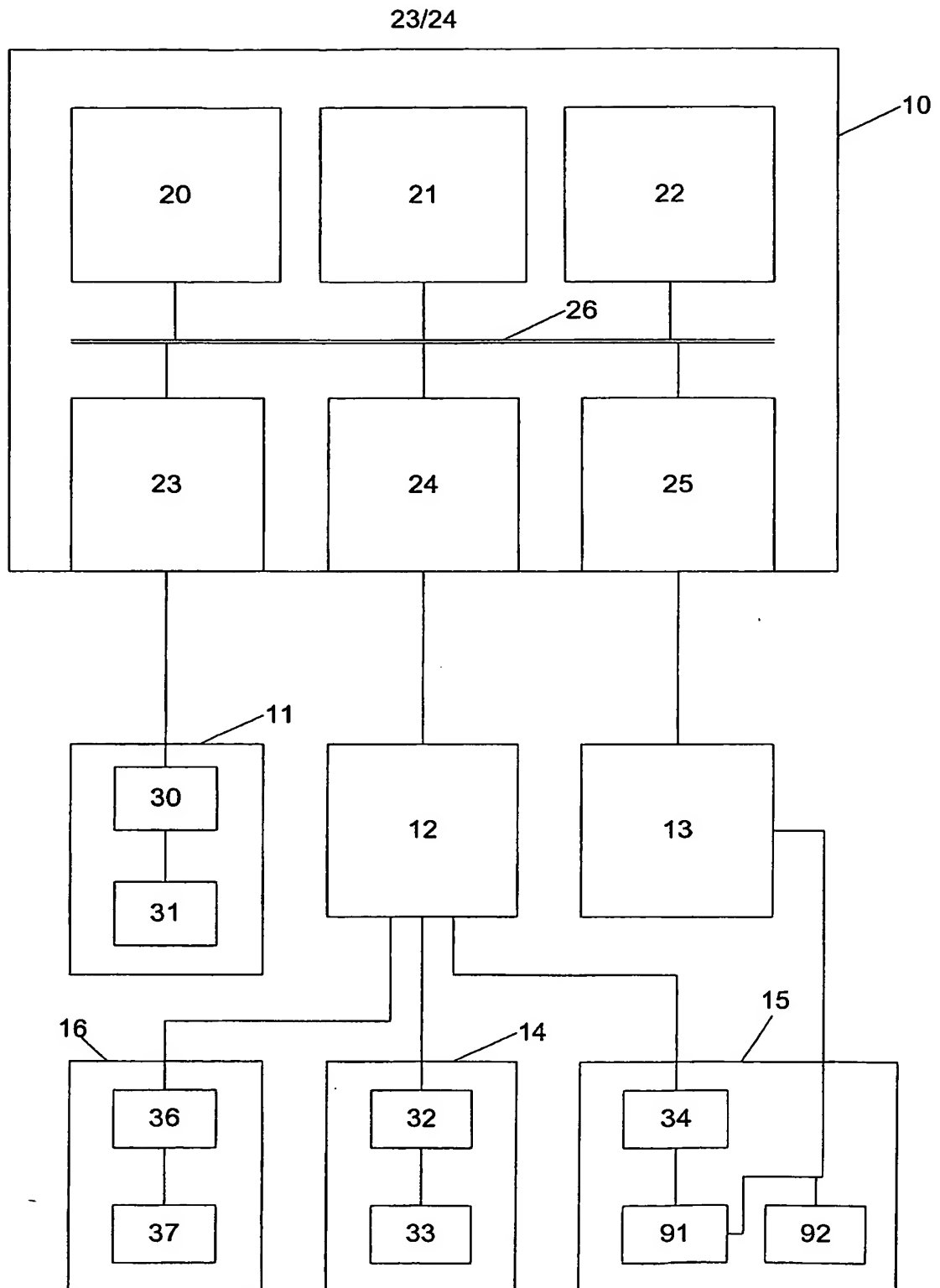


Fig. 19

**Fig. 20**

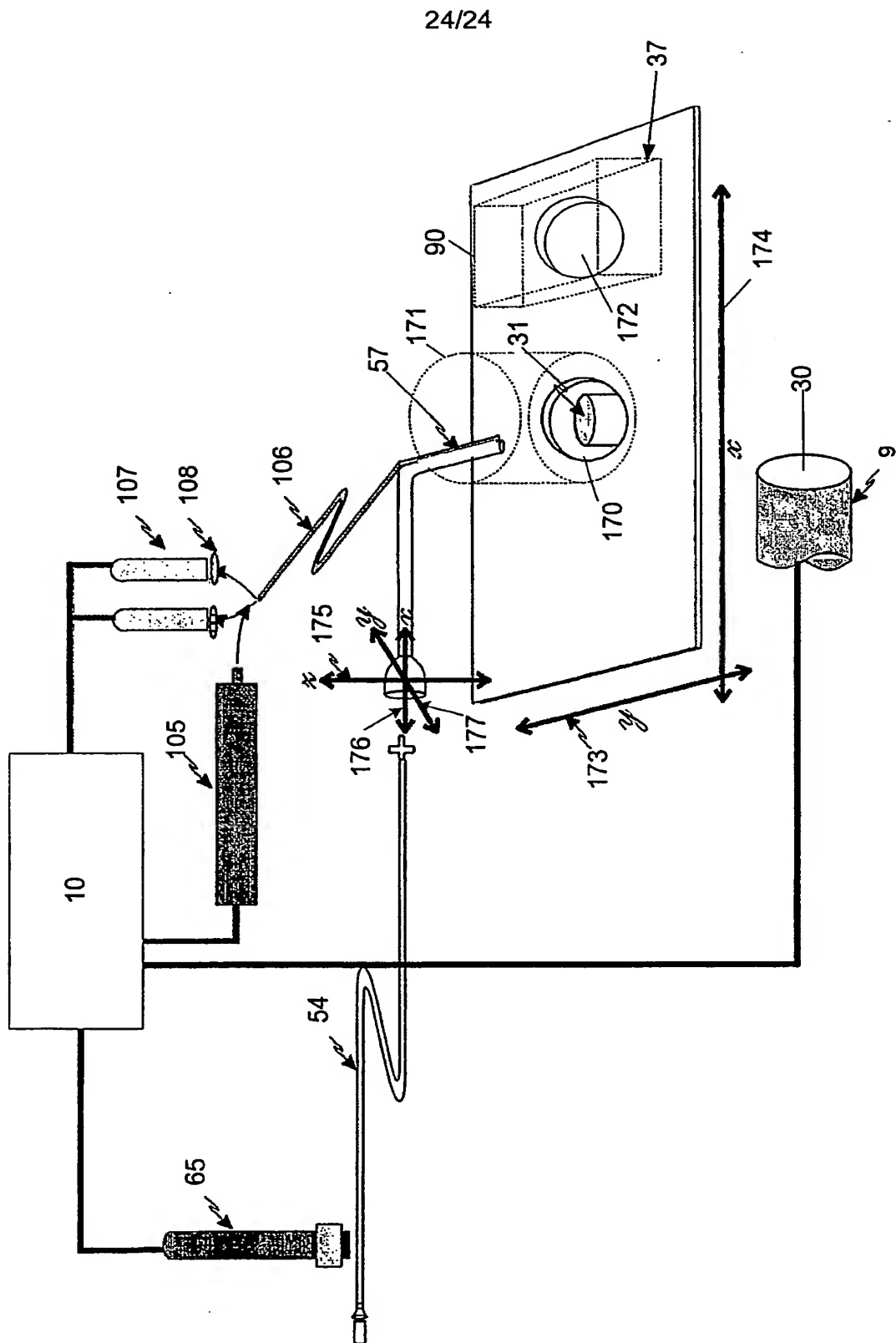


Fig. 21



**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**